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Puzzle Test Questions for SBI PO Pre, IBPS PO Pre, IBPS Clerk Mains and SBI Clerk Mains Exams.

Set No 104

Directions: Study the following information carefully and answer the questions given beside:

Twelve persons – Cal, Pam, Aby, Bil, Vin, Dev, Tim, Roy, Jon, Kat, Sam and Dia lives in 4 different houses, such that 3 persons live in each house. Houses are numbered as 2, 5, 9 and 12. Each house is painted with different colour – Red, White, Blue and Brown (not necessarily in same order). Each house is situated on different colony – ABC, GHI, PQR, and XYZ (not necessarily in same order).

Cal and Tim are from same house and their house's number is an odd number. Colour of Dia's house is White. Colour of Pam's and Kat's house is Red. Vin and Bil are from different houses but they are from even numbered house. Brown and Blue are the colours of even numbered houses. Roy is from an odd numbered house. Dev and Aby are not from same house but Aby is from Blue coloured house. Colour of House number 2 is not Brown. Aby's house is in PQR colony. House number 9 is in XYZ colony but it is not red coloured house. Bil and Sam share same house in ABC colony.

1. Who among the following persons lives in Red coloured house?
   I. Cal   **II.** Kat   **III.** Sam   **IV.** Vin

A. Both I, II and III   B. Only II   C. Only IV   D. Both II and III   E. All II, III and IV

2. What is the colour of the house that is located in GHI colony?

A. Blue   B. White   C. Brown   D. Red   E. Can't be determined

3. What is the house number of Jon?

A. 2   B. 5   C. 9   D. 12   E. Can't be determined

4. Which of the following combinations is/are incorrect?

A. 2 – ABC – Blue   B. 9 – GHI – Red   C. 5 – PQR – White   D. 12 – XYZ – Brown   E. All of these

5. In which of the following colonies Roy's house is situated?

A. ABC   B. GHI   C. PQR   D. XYZ   E. Can't be determined

Correct Answers:

1	2	3	4	5
B	D	A	E	B

Common explanation:

Reference:

Twelve persons – Cal, Pam, Aby, Bil, Vin, Dev, Tim, Roy, Jon, Kat, Sam and Dia lives in 4 different houses, such that 3 persons live in each house. Houses are numbered as 2, 5, 9 and 12. Each house is painted with different colour – Red, White, Blue and Brown (not necessarily in same order). Each house is situated on different colony – ABC, GHI, PQR, and XYZ (not necessarily in same order).

Inference:

We will keep this information in mind while solving the puzzle.

Reference:

House number 9 is in XYZ colony but it is not red coloured house.

Brown and Blue are the colours of even numbered houses.

Colour of House number 2 is not Brown.

Inference:

After using the above information, we have:

House	Persons	Colony	Colour
2			Blue
5			Red
9		XYZ	White
12			Brown

Reference:

Dev and Aby are not from same house but Aby is from Blue coloured house.

Aby's house is in PQR colony.

Colour of Dia's house is White.

Colour of Pam's and Kat's house is Red.

Inference:

After using the above information, we have:

House	Persons			Colony	Colour
2	Aby			PQR	Blue
5	Pam	Kat			Red
9	Dia			XYZ	White
12					Brown

Here, we will make a mental note that Dev and Aby are not from same house.

Reference:

Cal and Tim are from same house and their house's number is an odd number.

Roy is from an odd numbered house.

Inference:

After using the above information, we have:

House	Persons			Colony	Colour
2	Aby			PQR	Blue
5	Pam	Kat	Roy		Red
9	Dia	Cal	Tim	XYZ	White
12					Brown

Reference:
Vin and Bil are from different houses but they are from even numbered house.

Bil and Sam share same house in ABC colony.

Inference:
After using the above information, we have:

House	Persons			Colony	Colour
2	Aby	Vin		PQR	Blue
5	Pam	Kat	Roy		Red
9	Dia	Cal	Tim	XYZ	White
12	Bil	Sam		ABC	Brown

As we know that Aby and Dev are not from the same house. Then,

House	Persons			Colony	Colour
2	Aby	Vin	Jon	PQR	Blue
5	Pam	Kat	Roy	GHI	Red
9	Dia	Cal	Tim	XYZ	White
12	Bil	Sam	Dev	ABC	Brown

Answers :

1. Following the final solution we can say that among the given persons only Kat lives in Red coloured house.

Hence, the correct answer is option **B**.

2. Following the final solution we can say that the house that is located in GHI colony is of Red colour.

Hence, the correct answer is option **D**.

3. Following the final solution we can say that the house number of Jon 2.

Hence, the correct answer is option **A**.

4. Following the final solution we can say that all of the given combinations are incorrect.

Hence, the correct answer is option **E**.

5. Following the final solution we can say that Roy's house is situated is GHI colony.

Hence, the correct answer is option **B**.